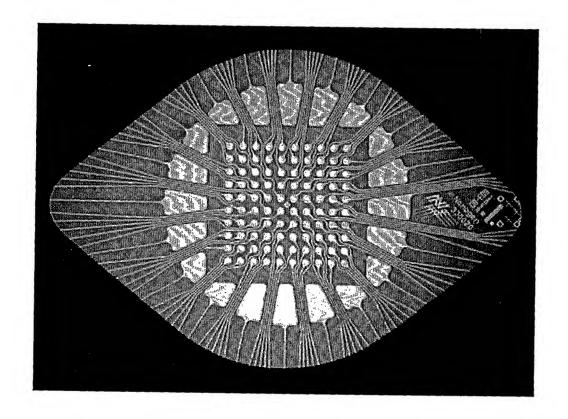
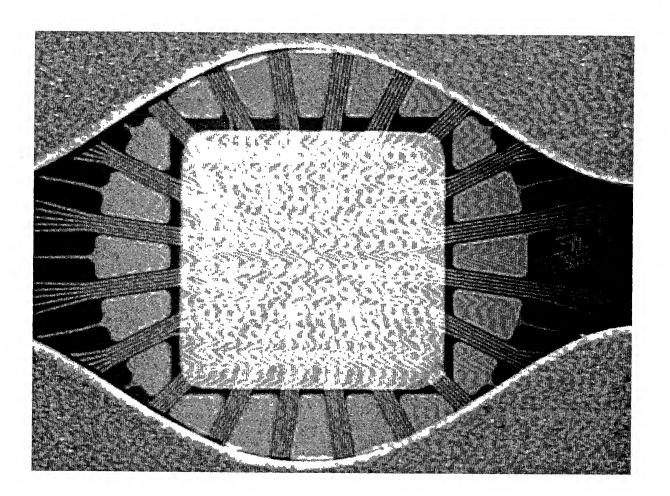
MESOPOROUS PERMEATION LAYERS FOR USE ON ACTIVE ELECTRONIC MATRIX DEVICES INVENTORS: JAINAMMA KROTZ, ET AL. DOCKET NO. 262/098





$$\begin{array}{c|c} \mathsf{H_2N} & \mathsf{NH_2} \\ \\ \mathsf{S} & \mathsf{A} \\ \\ \mathsf{H_2N} & \mathsf{NH_2} \end{array}$$

#### Streptavidin

pH = 7.4 PBS 2 hours

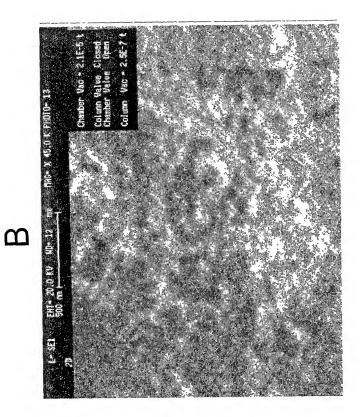
Dialysis, concentration

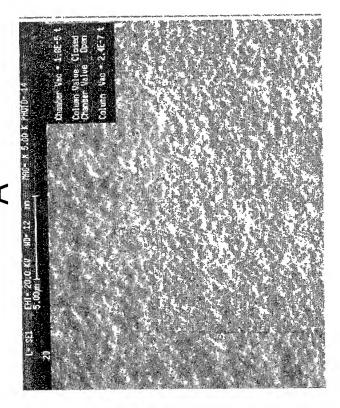
N-Acryloxysuccinimide

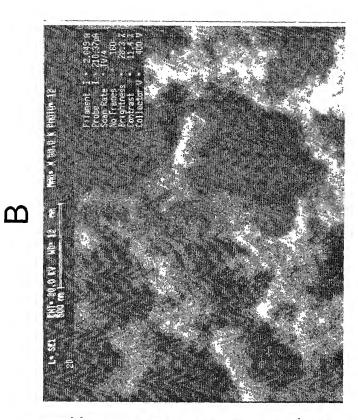
Acryloyl-PEG-N-hydroxysuccinimidyl ester

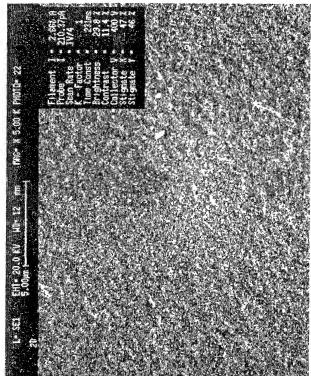
Streptavidin-acrylamide (SA

PEG-Streptavidin ("PEG-

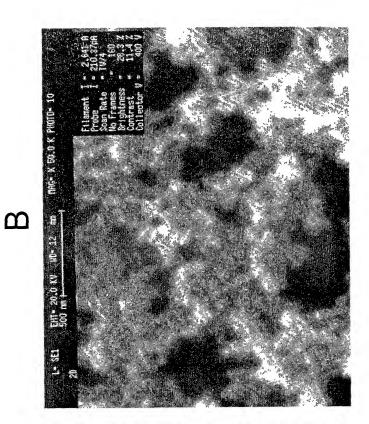


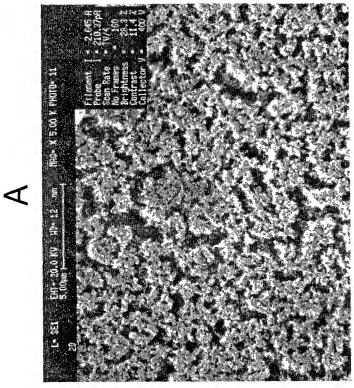


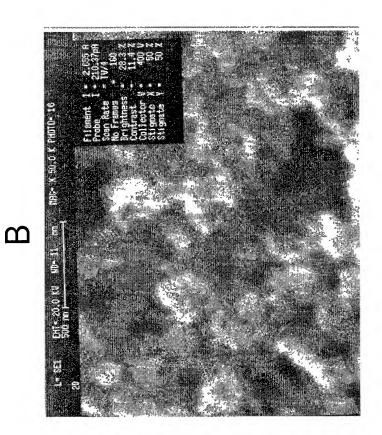


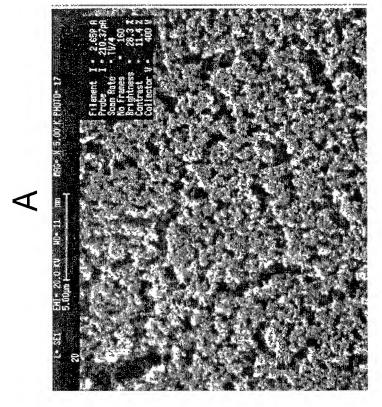


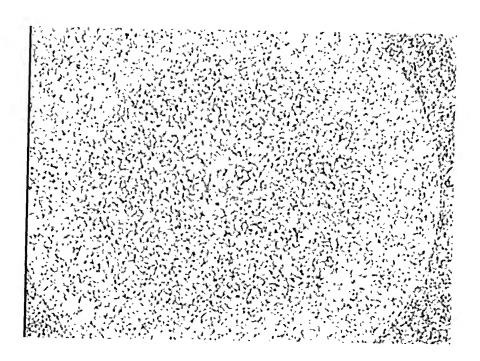
4











Light Scattering on N-acryl-SA Hydrogel Permeation Layer

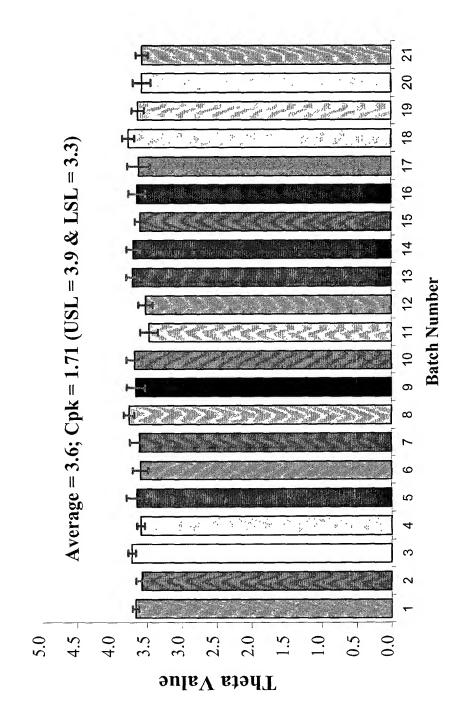
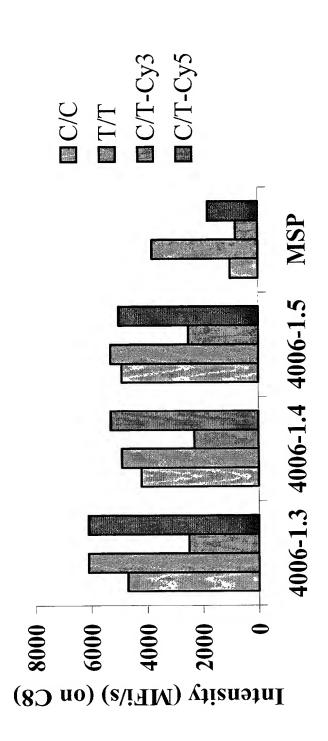


Figure 11



Hydrogel batches vs. MSP

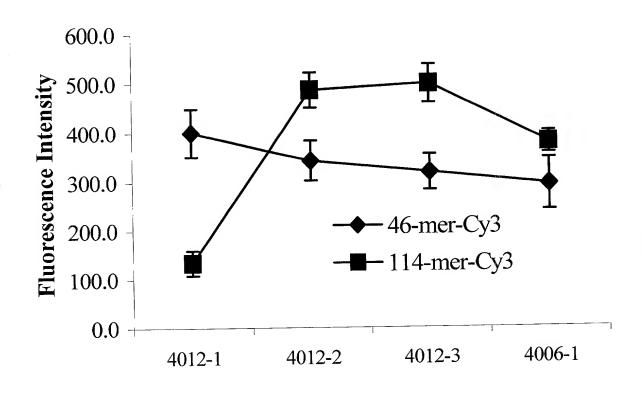


Figure 13

